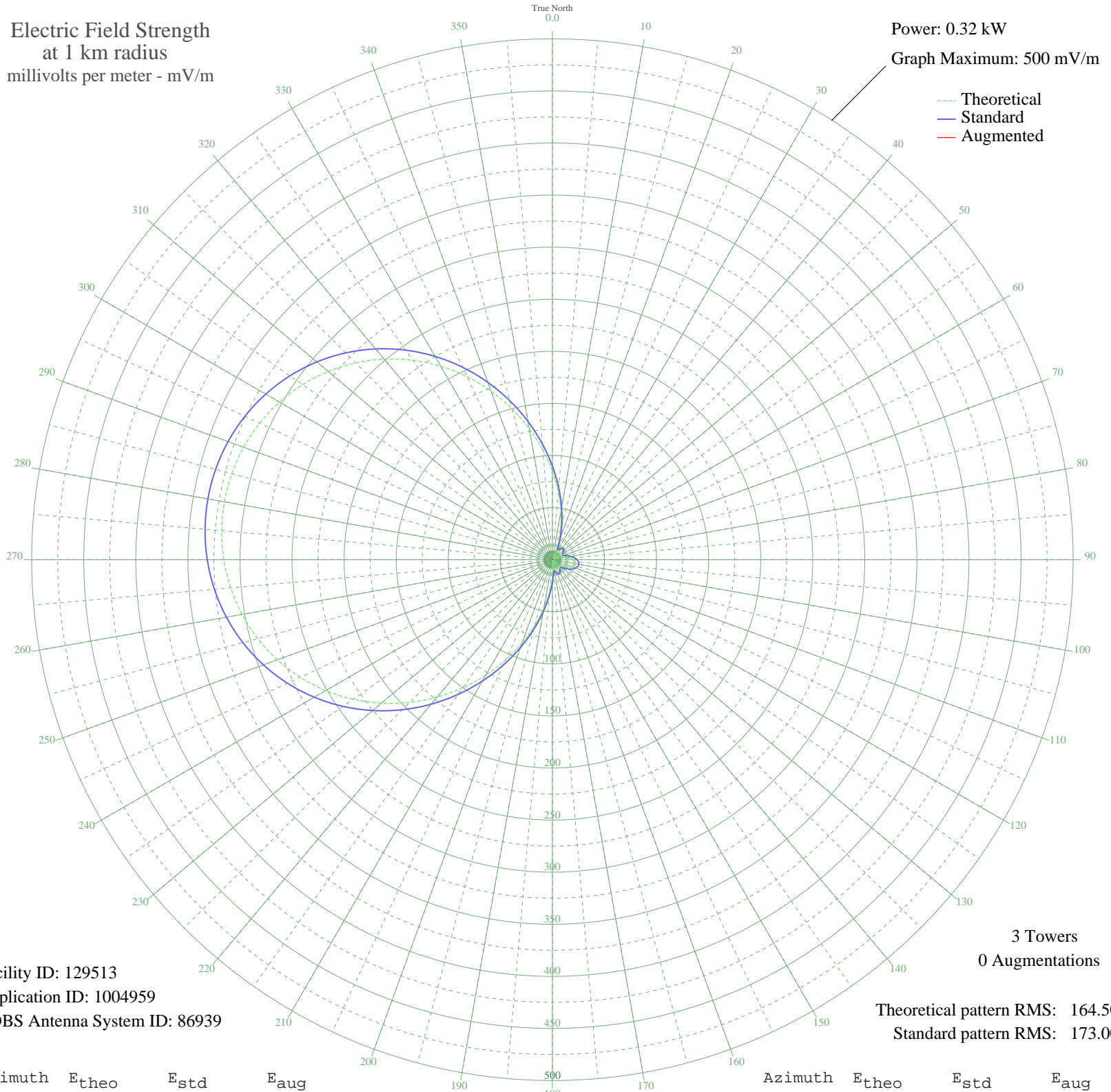


# KJMP PIERCE, CO BL-20040709ADS 870 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 0.32 kW  
Graph Maximum: 500 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 129513  
Application ID: 1004959  
CDBS Antenna System ID: 86939

3 Towers  
0 Augmentations

Theoretical pattern RMS: 164.50  
Standard pattern RMS: 173.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	84.96	89.83	
5	65.31	69.38	
10	47.43	50.90	
15	31.68	34.88	
20	18.33	21.92	
25	7.55	13.16	
30	0.74	10.53	
35	6.20	12.36	
40	9.35	14.38	
45	10.33	15.09	
50	9.43	14.43	
55	7.03	12.84	
60	3.53	11.14	
65	0.83	10.54	
70	5.29	11.88	
75	9.80	14.70	
80	13.95	18.02	
85	17.47	21.14	
90	20.15	23.62	
95	21.82	25.20	
100	22.38	25.74	
105	21.82	25.20	
110	20.15	23.62	
115	17.47	21.14	
120	13.95	18.02	
125	9.80	14.70	
130	5.29	11.88	
135	0.83	10.54	
140	3.53	11.14	
145	7.03	12.84	
150	9.43	14.43	
155	10.33	15.09	
160	9.35	14.38	
165	6.20	12.36	
170	0.74	10.53	
175	7.55	13.16	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	18.33	21.92	
185	31.68	34.88	
190	47.43	50.90	
195	65.31	69.38	
200	84.96	89.83	
205	105.95	111.74	
210	127.81	134.61	
215	150.04	157.89	
220	172.17	181.08	
225	193.74	203.69	
230	214.33	225.29	
235	233.61	245.51	
240	251.29	264.06	
245	267.15	280.70	
250	281.04	295.27	
255	292.85	307.68	
260	302.55	317.85	
265	310.08	325.76	
270	315.46	331.40	
275	318.68	334.78	
280	319.76	335.91	
285	318.68	334.78	
290	315.46	331.40	
295	310.08	325.76	
300	302.55	317.85	
305	292.85	307.68	
310	281.04	295.27	
315	267.15	280.70	
320	251.29	264.06	
325	233.61	245.51	
330	214.33	225.29	
335	193.74	203.69	
340	172.17	181.08	
345	150.04	157.89	
350	127.81	134.61	
355	105.95	111.74	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

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20 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission